

relative roles of pre- and postzygotic barriers to reproduction might be explored.

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### **A Melanic *Colias euxanthe stuebeli* from Peru (Pieridae)**

Melanic male aberrations are known from a number of *Colias* species. They range from partial to complete on the dorsal surface but are rarely fully melanized ventrally. A melanic aberration of the male of *Colias euxanthe stuebeli* Reiss. was taken 6 July 1984 2 km E Catca, Department of Cusco, Peru, by S. P. Courtney and M. J. Stern. Approximately half the scales in the normally orange area (except the scent patches and near them) are black, producing a very distinctive appearance (Fig. 1). Remarkably, the underside is entirely normal. The "ventral median flush" of black scales on the forewing is heavy, but within the normal range of variation.

The U.S. National Museum contains five melanic male *Colias philodice* Latr. from the United States. One of these is fully blackened on both surfaces. The other four are roughly as melanized dorsally as the Catca specimen, but all display a black area on the ventral forewing which seems characteristic of melanic males in the Nearctic *Colias*. The absence of this marking on the Catca specimen suggests that the variation is probably not homologous.

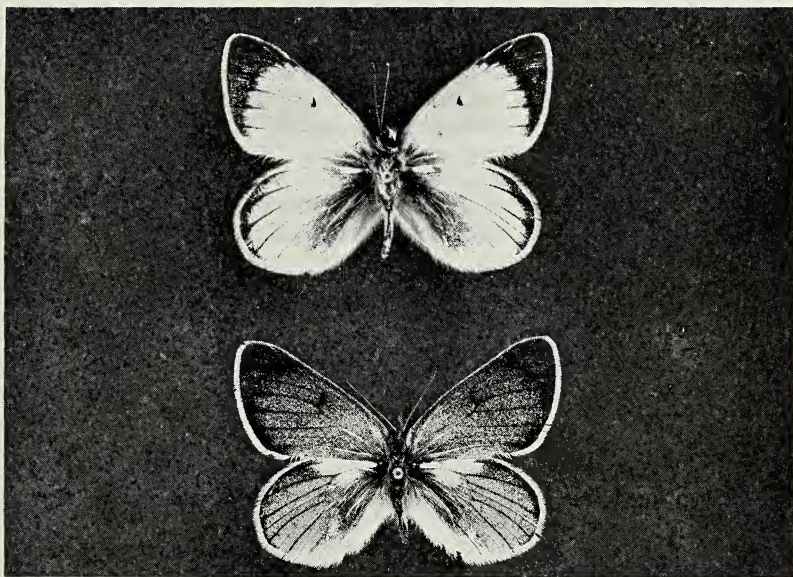


Fig. 1. Dorsal surface of normal and melanic male *Colias euxanthe stuebeli* from Catca, Depto. Cusco, Peru, 6 July 1984.

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